



G2-27015
2221755

SECOND AMENDED PERMIT
TO APPROPRIATE WATERS
OF THE STATE OF WASHINGTON

PRIORITY DATE
11/17/1986

WATER RIGHT NUMBER
G2-27015

MAILING ADDRESS
THURSTON COUNTY PUBLIC UTILITY DISTRICT NO. 1
921 LAKERIDGE DRIVE SW, SUITE 201
OLYMPIA WA 98502

SITE ADDRESS (IF DIFFERENT)

Quantity Authorized for Withdrawal or Diversion

WITHDRAWAL OR DIVERSION RATE	UNITS	ANNUAL QUANTITY (AF/YR)
175	GPM	50

Purpose

PURPOSE	WITHDRAWAL OR DIVERSION RATE			ANNUAL QUANTITY (AF/YR)		PERIOD OF USE
	ADDITIVE	NON-ADDITIVE	UNITS	ADDITIVE	NON-ADDITIVE	
Community Domestic Supply	125	50	GPM		50	01/01 - 12/31

ADDITIVE	IRRIGATED ACRES		PUBLIC WATER SYSTEM INFORMATION	
	NON-ADDITIVE		WATER SYSTEM ID	CONNECTIONS
			02356	

Source Location

COUNTY	WATERBODY	TRIBUTARY TO				WATER RESOURCE INVENTORY AREA		
Thurston						13 Deschutes		
SOURCE FACILITY/DEVICE	PARCEL	WELL TAG	TWN	RNG	SEC	QQ Q	LATITUDE	LONGITUDE
Prairie Ridge Well #1	69330007101	AKY156	19N	01 W	34	NW NE		
Prairie Ridge Well #2	69330007101	AAE334	19N	01 W	34	NW NE		

Place of Use (See Attached Map)

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PARCELS (NOT LISTED FOR SERVICE AREAS)

LEGAL DESCRIPTION OF AUTHORIZED PLACE OF USE

Thurston Public Utility District No. 1 Prairie Ridge Water System service area within the S 1/2 S 1/2 of Section 27 and the N 1/2 and N 1/2 S 1/2 of Section 34 in T. 19 N., R. 1 W.W.M.

Proposed Works

Well #1 (AKY156): 8" x 174'

Well #2 (AAE334): 8" x 181'

Development Schedule

BEGIN PROJECT

Started

COMPLETE PROJECT

Completed

PUT WATER TO FULL USE

December 31, 2016

Measurement of Water Use

How often must water use be measured?	Monthly
How often must water use data be reported to Ecology?	Upon Request by Ecology
What volume must be reported?	Total Annual Volume Monthly Total Volume
What rate must be reported?	Annual Peak Rate of Withdrawal (gpm)
How long must water use data be maintained?	Five years minimum

Provisions

The combined annual withdrawal under all rights for Prairie Ridge Water System shall not exceed 80 acre-feet per year.

Wells, Well Logs and Well Construction Standards

In accordance with WAC 173-160, wells shall not be located within certain minimum distances of potential sources of contamination. These minimum distances shall comply with local health regulations, as appropriate. In general, wells shall be located at least 100 feet from sources of contamination. Wells shall not be located within 1,000 feet of the boundary of a solid waste landfill.

All wells constructed in the state shall meet the construction requirements of WAC 173-160 titled "Minimum Standards for the Construction and Maintenance of Wells" and RCW 18.104 titled "Water Well Construction". Any well which is unusable, abandoned, or whose use has been permanently discontinued, or which is in such disrepair that its continued use is impractical or is an environmental, safety or public health hazard shall be decommissioned.

All wells shall be tagged with a Department of Ecology unique well identification number. If you have an existing well and it does not have a tag, please contact the well-drilling coordinator at the regional

Department of Ecology office issuing this decision. This tag shall remain attached to the well. If you are required to submit water measuring reports, reference this tag number.

Installation and maintenance of an access port is required as described in WAC 173-160-291(3) is required.

Measurements, Monitoring, Metering and Reporting

An approved measuring device shall be installed and maintained for each of the sources identified by this water right in accordance with the rule "Requirements for Measuring and Reporting Water Use", WAC 173-173.

WAC 173-173 describes the requirements for data accuracy, device installation and operation, and information reporting. It also allows a water user to petition the Department of Ecology for modifications to some of the requirements.

Water use data shall be recorded and maintained by the water right holder for a minimum of five years. The annual peak rate, monthly total volume and total annual volume shall be submitted to the Department of Ecology upon request.

Water Level Measurements

In order to maintain a sustainable supply of water, pumping must be managed so that static water levels do not progressively decline from year to year. Static water level is defined as the water level in a well when no pumping is occurring and the water level has fully recovered from previous pumping. Static water levels shall be measured and recorded monthly, using a consistent methodology. Data for the previous year shall be submitted by January 31 to the Department of Ecology.

Static water level data shall be submitted in digital format and shall include the following elements:

1. Unique Well ID Number
2. Measurement date and time
3. Measurement method (air line, electric tape, pressure transducer, etc.)
4. Measurement accuracy (to nearest foot, tenth of foot, etc.)
5. Description of the measuring point (top of casing, sounding tube, etc.)
6. Measuring point elevation above or below land surface to the nearest 0.1 foot
7. Land surface elevation at the well head to the nearest foot.
8. Static water level below measuring point to the nearest 0.1 foot.

Department of Health Requirements

Prior to any new construction or alterations of a public water supply system, the State Board of Health rules require public water supply owners to obtain written approval from the Office of Drinking Water of the Washington State Department of Health. Please contact the Office of Drinking Water at Southwest Drinking Water Operations, 243 Israel Road S.E., PO Box 47823, Tumwater, WA 98504-7823, (360) 236-3030.

Water Use Efficiency

Use of water under this authorization shall be contingent upon the water right holder's maintenance of efficient water delivery systems and use of up-to-date water conservation practices consistent with established regulation requirements and facility capabilities.

Proof of Appropriation

The water right holder shall file the notice of Proof of Appropriation of water (under which the certificate of water right is issued) when the permanent distribution system has been constructed and the quantity of water required by the project has been put to full beneficial use. The certificate will reflect the extent of the project perfected within the limitations of the permit. Elements of a proof inspection may include, as appropriate, the source(s), system instantaneous capacity, beneficial use(s), annual quantity, place of use, and satisfaction of provisions.

Schedule and Inspections

Department of Ecology personnel, upon presentation of proper credentials, shall have access at reasonable times, to the project location, and to inspect at reasonable times, records of water use, wells, diversions, measuring devices and associated distribution systems for compliance with water law.

Permit Subject to Cancellation

This permit shall be subject to cancellation should the permittee fail to comply with the above development schedule and/or to give notice to the Department of Ecology on forms provided by the Department documenting such compliance.

Given under my hand and the seal of this office at Olympia, Washington this 3rd day of August, 2010

Department of Ecology

OK mr

by

Thomas Loranger
Thomas Loranger, Section Manager